

Notice of Allowability

Application No.

10/772,930

Examiner

Vincent E. Kovalick

Applicant(s)

CHEN ET AL.

Art Unit

2629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to applicant's amendment dated 2/14/07.
2. ☒ The allowed claim(s) is/are 1, 3-9 and 11-16 (re-numbered 1-14).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Response to Amendment

1. This Office Action is in response to Applicant's Amendment after Non-Final Rejection, dated February 14, 2007 in response to USPTO Office Action dated November 15, 2006.

The cancellation of claims 2 and 10, and the amendments to claims 1, 3-4, 6-9 and 11-16 are sufficient to place the application in a condition for allowance as set forth hereinbelow.

Allowable Subject Matter

2. Claims 1, 3-9 and 11-16 are allowed.

Relative to claims 1 and 9, the major difference between the teachings of the prior art of record (Wood et al. (USP 5,926,162) and Arai et al. (USP 6,304,236)) and that of the instant invention is that said prior art of record **does not teach** a dynamic driving device comprising a driving path unit used to store a plurality of pre-defined driving paths, said driving paths being defined by a driving path decision process, said driving path decision process being based on a surrounding atmospheric environment to pre-define a plurality of said driving paths corresponding to said surrounding atmospheric environment.

Regarding claims 3 and 11, the major difference between the teachings of the said prior art of record and that of the instant invention is that said prior art of record **does not teach** a dynamic driving device wherein the driving path is a variation of driving voltage from an initial driving voltage to a targeted driving voltage.

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Regarding claims 7 and 15, the major difference between the teachings of the said prior art of record and that of the instant invention is that said prior art of record **does not teach** a dynamic driving device wherein the operation interface comprises: a dynamic image and an after-adjustment dynamic image, said before-adjustment dynamic image being based on said original driving path; a driving adjustment area for generating a new driving path based on an adjustment command issued by a user, said after-adjustment dynamic image being based on a new driving path generated by said adjustment command; and an execution key for setting the most appropriate driving path as a default driving path, said most appropriate driving path being determined by said user based on the comparison between before-adjustment dynamic image and after-adjustment dynamic image.

Regarding claim 12, the major difference between the teachings of the said prior art of record and that of the instant invention is that said prior art of record **does not teach** a dynamic driving device wherein the driving path decision process comprising the following steps:

(1) measuring the difference of an image parametric value within a time-related frame of said dynamic image on said liquid crystal display, and then deriving said driving path on said liquid crystal display corresponding to said surrounding atmospheric environment; (2)

re-calculating, based on said surrounding atmospheric environment, to obtain said driving path capable of enhancing said display effect of said dynamic images on said liquid crystal display corresponding to said surrounding atmospheric environment.

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U. S. Patent No.	5,694,493	Tuli
U. S. Patent No.	4,516,055	Nelson
Pub. No.	US 2002/0149577	Arai et al.

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To Respond

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vincent E. Kovalick whose telephone number is 571-272-7669. The examiner can normally be reached on Monday-Thursday 7:30- 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin Shalwala can be reached on 571-272-7681. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Vincent E. Kovalick

March 28, 2007



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SUPERVISORY PATENT EXAMINER
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